

# REPORT OF COMPLETED AND ONGOING WORK

As of August 1996

## Cargill Salt Workplan

San Francisco District Corps of Engineers Permit 19009E98

San Francisco Bay Conservation and Development Commission Permit 4-93

Prepared and submitted August 1996

Partial  
Copy for  
only RWC

Location	Ponds involved	Activity <sup>1</sup>	Duration of Activity	COE <sup>2</sup> Authorization	BCDC <sup>2</sup> Permission	Size/Scope	Comments
Baumberg	1-14	Grading	Ongoing July through August	N/A	N/A	N/A	Routine grading of levees.
Dredge Lock	2	Entered July, Exited November	July, October	2d	1a	Existing lock at Pond 2, Last accessed in 1993.	First Effort, Mitigation site. See separate dredge maintenance check list, est. 0.8 acres impact.
	1	Levee topping - "Mallard"	July through October	2a, 2b, 2c if required	2a	Minor topping done 91-92; 1,800 lf	This work is in conjunction w/ mitigation to create a marsh in Pond 1.
	1	Mitigation site levee	Ongoing through October	7 (special condition)	2j	2,400 lf of levee	Constructed by "Mallard" followed by land-based equipment.
	1	Mitigation site intake	Ongoing through October	7 (special condition)	2j	Two 48" culverts	Controlled by adjustable tide gates.
	1	Pull and repair Baumberg intake	July through August	1a	1a	Replace impeller	All work on structures.
	1 (inside levee)	Riprap	Ongoing through August	1e	1c	25 lf, 30 cy	Maintenance of existing riprap areas.
	2	Levee topping - "Mallard"	July	2a, 2b, 2c if required	2a	Minor topping done 91-92	This work is in conjunction w/ mitigation to create a marsh in Pond 1.

1 All grading discing and riprapping are routine, preventive maintenance activities unless otherwise identified.

2 Many activities identified in the workplan are outside COE/BCDC authority/jurisdiction. These are identified in the workplan for completeness and information.



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Redwood City	1 - 5	Grading	Ongoing July through August	N/A	N/A	N/A	Grade Levee roads
	1 West	Access - June 1996 Exit - July 1996	June to August	2d	1a	Existing lock 1 West	See dredge maintenance checklist. Estimated 0.75 acres of impact.
	1 East	Access - July 1996 Exit - August 1996	June to August	2d	1a	Existing lock 1 East	See dredge maintenance checklist. Lock eroded by dredge to be buttressed with rip rap then lock walls reconstructed with dredged muds prior to entry. Estimated 0.6 acres of impact.
	1	Levee topping - "Mallard"	October 1995	2a, 2b, 2c if necessary	2a	10,000 lf	Two locks due to PG&E lines
	1 (outside levee)	Riprap	Ongoing through August	1e	1c	800 lf, 960 cy	Maintenance of existing rip rap areas
	1 (inside levee)	Dirt fill	July with rip rap trucks	2a	1a	120 cy	
	1	Levee maintenance - general	Ongoing	N/A		See Comments	Build up low spot on cross levee totaling 500 lf w/ land - based equipment
	2	Other Work	Now through August 1995	2a	2a		Build up berm edge of PG&E sub station on west side for 333 lf with land-based equipment
	4	Other Work	Now through August 1995	1a, 1b, 1c, 1d	2b, 2d		Repair Ravenswood pump discharge pipe



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Redwood City	4 (outside levee)	Rip rap	Ongoing through August	1e	1c	30 lf, 40 cy	Maintenance of existing rip rap areas
	4 (inside levee)	Dirt fill	July	2a	1a	90 cy	
	7A	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	7B	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	7C	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	8E	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	8W	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	9	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	9A	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads



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Redwood City	9A	Levee Topping - "Mallard" and land-based	November through December	2a		See Comments	Top a total of 3000 lf of levee w/ dredge from slough side
	10	Levee Topping - "Mallard" and land-based	November through December	2a		See Comments	Top a total of 6500 lf of levee w/ dredge from slough side
	10 (inside levee)	Riprap	Ongoing through August	1e	1c	220 lf, 260 cy	Maintenance of existing rip rap areas
	10	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	SF2 (inside levee)	Riprap	Ongoing through August	1e	1c	100 lf, 120 cy	Maintenance of rip rap areas
	SF2	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	S5	Grading	Ongoing July through August	N/A	N/A	N/A	Grade levee roads
	S5	Dirt Fill	July	2a	1a	240 cy	



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**CARGILL SALT**  
**ADD-ON ITEMS FOR 1996-1997 WORK PLAN**  
**PREPARED AND SUBMITTED AUGUST 1996**

<b>Location</b>	<b>Ponds Involved</b>	<b>Activity</b>	<b>Duration of Activity</b>	<b>COE</b>	<b>BCDC</b>	<b>Size/Scope</b>	<b>Comments</b>
REDWOOD CITY	4	Levee topping "Mallard"	September 1996	2a	IIE4	Top a total of 2000 lf of levee using slough muds from outside of salt pond.	This work was identified in the workplan map but inadvertently omitted in the table.
ALVISO	A3N	Other work	September 1996 to May 1997	1d	I2b		Replace pipe and screw gate (A3N to A3W)
PLANT 2	2	Other work	September 1996 to May 1997	1d	I2b		Replace pipe and screw gate (2 to 3)
PLANT 1	2	Other work	September 1996 to May 1997	1d	I2b		Replace Pipe and screw gate (2 to 1)